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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Complete if Known	
Application Number	10/658,447
Filing Date	September 8, 2003
First Named Inventor	Crowley et al.
Art Unit	1763
Examiner Name	
Attorney Docket Number	9138-0098US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
WMS	1	US- 4,212,742	07/15/1980	Solomon et al.	
	2	US- 4,756,776	07/12/1988	Halliday et al.	
	3	US- 4,797,211	01/10/1989	Ehrfeld et al.	
	4	US- 5,156,576	10/20/1992	Johnson	
	5	US- 5,635,358	06/03/1997	Wilding et al.	
	6	US- 5,726,026	03/10/1998	Wilding et al.	
IN	7	US- 5,922,210	07/13/1999	Brody et al.	
	8	US- 6,106,779	08/22/2000	Buechler et al.	
	9	US- 6,387,290	05/14/2002	Brody et al.	
	10	US- 6,391,541	05/21/2002	Petersen et al.	
	11	US- 6,448,047	09/10/2002	Dattagupta et al.	
	12	US- 6,455,287	09/24/2002	Jem	
	13	US- 6,488,896	12/03/2002	Weigl et al.	
	14	US- 6,534,295	03/18/2003	Tai et al.	
	15	US- 6,544,734	04/08/2003	Briscoe et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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Signature

Date Considered

4/19/04

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Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	BRODY et al., "A Planar Microfabricated Fluid Filter," U of Washington Technology Center, 54, 704-708, (1996).	
	17	MOORTHY et al., "InSitu Fabricated Porous Filters for Microsystems," Lab Chip, 3, 62-66, (2003).	
	18	ZYDNEY, et al., "Continuous Flow Membrane Plasmapheresis: Theoretical ...," Transactions of the American Society for Artificial Internal Organs 28, 408-412 (1982).	
	19	LICHTENBERG et al., "Sample Pretreatment on Microfabricated Devices," Talanta 56, 233-266 (2002).	
	20	RAND, R.P., "Mechanical Properties of the Red Cell Membrane," Biophysical Journal 4, 303-316 (1964).	
	21	SONKSEN et al., "Home Monitoring of Blood-Glucose," The Lancet 729-732 (4/8/1978).	
	22	DINTENFASS, L., "Clinical Applications of Blood Viscosity Factors and Functions," Biorheology 15 (5-6) 486, 1978.	
	23	CROWLEY et al., "Design of a Passive BioSeparation Microfluidic Device," JALA Vol 8 No 2 78-80 (April 2003).	

Examiner Signature	<i>KLMenm</i>	Date Considered	4/19/05
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